

Christopher Ave and Midcounty at Mont. Village Ave -- No. 500007

Category
Agency
Planning Area
Relocation Impact

Transportation
Public Works & Transportation
Gaithersburg Vicinity
None.

Date Last Modified
Previous PDF Page Number
Required Adequate Public Facility

January 5, 2002
7-18 (02 App)
NO

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY01	Estimate FY02	Total 6 Years	FY03	FY04	FY05	FY06	FY07	FY08	Beyond 6 Years
Planning, Design and Supervision	362	81	38	243	166	77	0	0	0	0	0
Land											
Site Improvements and Utilities	255	0	0	255	189	66	0	0	0	0	0
Construction	393	0	0	393	100	293	0	0	0	0	0
Other											
Total	1,010	81	38	891	455	436	0	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	910	8	11	891	455	436	0	0	0	0	0
Development Approval Payment	100	73	27	0	0	0	0	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT (\$000)

DESCRIPTION

This project provides for design and construction of modifications to the intersections of Christopher Avenue, Lost Knife Road, and Midcounty Highway with Montgomery Village Avenue to relieve congestion. Anticipated improvements will include: an additional exclusive left turn lane from Midcounty Highway to southbound Montgomery Village Avenue, an additional left turn lane from Montgomery Village Avenue to eastbound Midcounty Highway, an additional left turn lane from Christopher Avenue to northbound Montgomery Village Avenue, and an additional left turn lane from Lost Knife Road to southbound Montgomery Village Avenue. Appropriate signal modifications at each intersection are also included.

Service Area

Gaithersburg vicinity

JUSTIFICATION

After the project is implemented, the a.m. Level of Service (LOS) of the Christopher Avenue intersection will improve to a borderline "F" as a result of a reduction in Critical Lane Volume (CLV) of 297 vehicles, and delays will be reduced. The p.m. LOS will also be improved to borderline "F" as a result of a substantial reduction in the CLV by 286 vehicles, and delays will be reduced. Improvement to the Midcounty Highway intersection will reduce the a.m. LOS from "D" to "C," with a reduction in CLV by 139 vehicles. The p.m. LOS will remain at the "F" level; however, a reduction in CLV by 87 vehicles will be made, and delays will be reduced.

Plans and Studies

Accident and congestion studies conducted by DPWT Division of Traffic and Parking Services and comprehensive consultant studies indicate significant congestion in this roadway segment. Physical modification to these intersections will improve the level of service and reduce operational problems.

Cost Change

Not applicable.

STATUS

Detailed design stage.

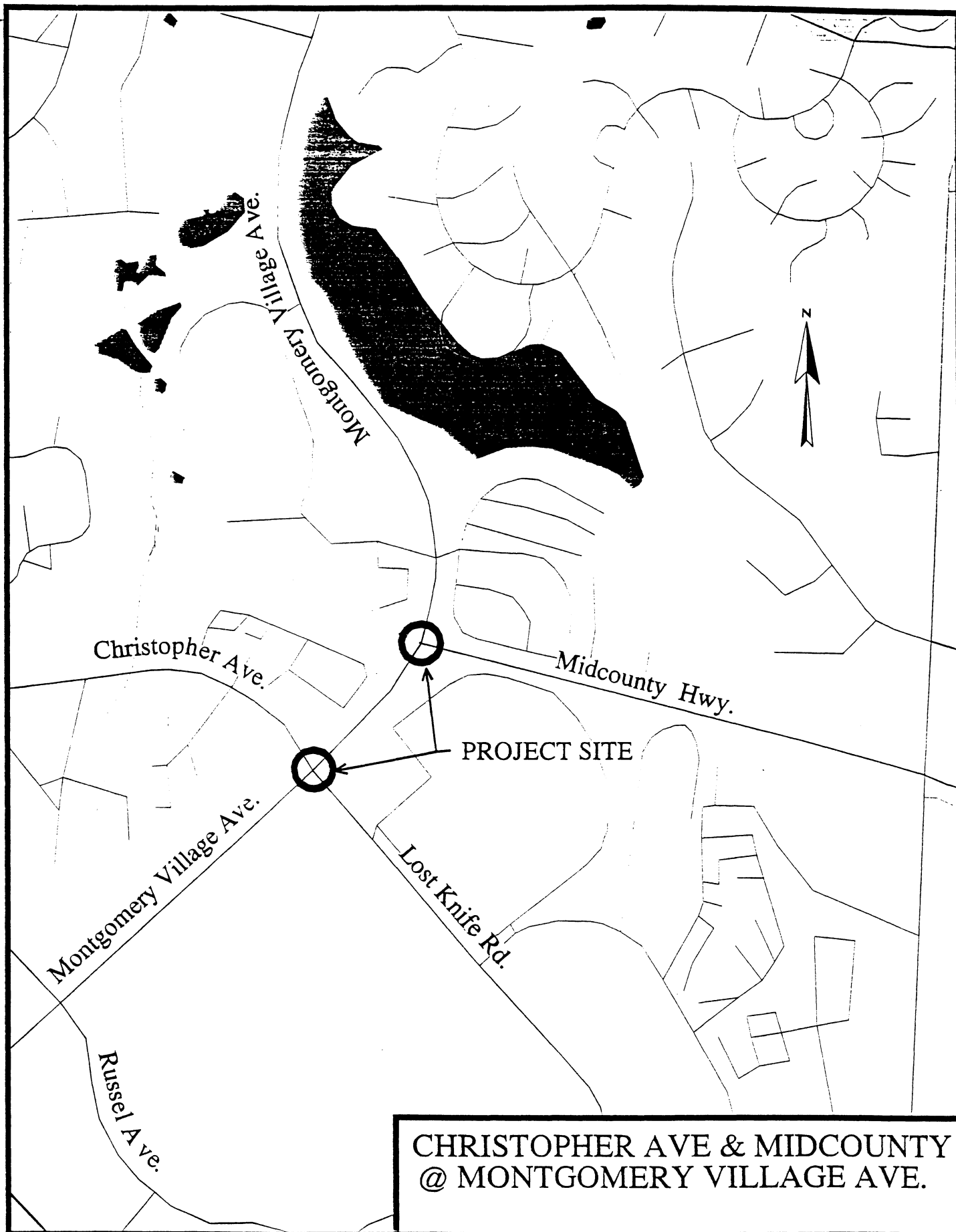
OTHER

The project scope has not changed. The current costs are based on preliminary plans. The cost estimate may be updated after the final design is complete. This project is part of a coordinated effort to mitigate congestion at some of the County's most congested intersections. Construction of the intersections of Christopher Avenue and Lost Knife Road with Montgomery Village Avenue will be completed in FY03. Construction of the intersections of Midcounty Highway with Montgomery Village Avenue will be completed in FY04.

FISCAL NOTE

Development Approval Payments (DAP) collected through FY99 have been programmed in this project.

APPROPRIATION AND EXPENDITURE DATA			COORDINATION		MAP
Date First Appropriation	FY00	(\$000)	M-NCPPC		
Initial Cost Estimate		1,010	Utility Companies		See Map on Next Page
First Cost Estimate			Department of Permitting Services		
Current Scope	FY00	1,010	Montgomery Village Foundation		
Last FY's Cost Estimate		1,010			
Present Cost Estimate		1,010			
Appropriation Request	FY03	891			
Appropriation Request Est.	FY04	0			
Supplemental					
Appropriation Request	FY02	0			
Transfer		0			
Cumulative Appropriation		119			See Map on Next Page
Expenditures/					
Encumbrances		126			
Unencumbered Balance		-7			
Partial Closeout Thru	FY00	0			
New Partial Closeout	FY01	0			
Total Partial Closeout		0			



CHRISTOPHER AVE & MIDCOUNTRY
@ MONTGOMERY VILLAGE AVE.